

Test the accuracy of your turntable the scientific way with a **FREE** precision strobe disc.

This was designed by Dr Lionel Hartley in 1985 for the accurate testing of gramophone turntables in the Red Range Radio studios of Christian & Cultural Audio-visuals. This page has a copy of this disc freely available to print and use.

To use the strobe disc, print this page and cut out the disc which appears below. Be sure to cut the hole in the center as accurately as you can using some tiny scissors or a suitable hole punch (such as a leather punching tool).

Instructions for use:

Place strobe disc on turntable & switch machine on. A needle & tonearm are not required for this test. This disc is designed for turntables running at 50cps. Observe the optical illusion created by the special pattern:

A stationary pattern signals the correct speed.

An anti-clockwise pattern signals the speed is too slow.

A clockwise pattern signals the speed is too fast.

If turntable has vernier adjustment knob, adjust until illusionary pattern is stationary when turntable is rotating. If no adjustment is available refer to technical personnel.

To read:

Outer circle 16 $\frac{2}{3}$ rpm
(spoken word discs)

Next circle 33 $\frac{1}{3}$ rpm

Next circle 45 rpm

Inner circle 78 rpm

